

Power supplies

Model number
PS459032A

2.1 amp 24 VDC power supply

This compact general purpose 24 VDC power supply has an innovative DIN rail mounting system that holds even at vibration or lateral pressure. Spring clamp terminals are clearly arranged and user-oriented.

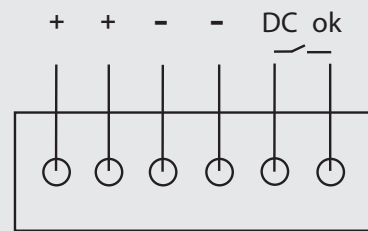
Features

- NEC Class 2 supply
- UL Class I, Division 2 approved
- LED status indication
- DC output ok (dry contact)
- Spring clamp terminals



Specifications	
Output voltage	24-28 VDC (externally adjustable)
Output current	2.1 amps
Output ripple	50mVpp (max)
Input voltage	Universal 100 - 240VAC (50-60Hz)
Input current	1.0A / 0.6A (100VAC / 240VAC)
Efficiency	88.5% (100VAC)
Over voltage protection	40 VDC (max)
Overload protection	Yes
Over temperature protection	Yes
Holdup time	17ms
NEC power class	NEC class 2
Area approvals	Class I, Division 2; T4; groups A,B,C,D
Displays	Power ok, green LED
Operating temperature	-10°C to +70°C (+14°F to +140° F)
Storage temperature	-25°C to +85°C (-13°F to +185° F)
Housing	Non-metallic; DIN rail mounting
Dimensions (L, W, H)	91 mm, 45mm, 75mm
Ingress protection	IP20, field enclosure required
Approvals	UL508, UL1950, cULus, CE, Class 2
Weight	240g (0.5 pounds)

Schematic drawings



output voltage
24 VDC

input line voltage

